

The enzymatic conversion of protein-contained Arginine to citrulline.

Fig. 2

	DICACANIRRVPFAFKWWKMVP* 723	701	hePAD
LKTELGLVEQDIIEIPQLFCLEKLTNIPSDQQPKRSFARPYFPDLLRMIVMGKNLGIPKPFGPQIKGTCCLEEKICCLLEPLGFKCTFINDFDCYLTEVG 700	LKTELGLVEQDIIEIPQLFCLEKLTNIPSDQQPKR	601	hePAD
LKTELGLEDKDIILIPQLFCLEQLTNVPSNQQSTKLFARPYFPDMLQIIVLGKNLGIPKPFGPKINGTCCLEEKVCGLLEPLGLKCTFIDDFDCYLANIG 645	LKTELGLEDKDIILIPQLFCLEQLTNVPSNQQSTK	546	mePAD
SDWLMTGHVDEFMCFIPTDDKNEGKKGFLLLLASPSACYKLFREKQKEGYGDALLFDELRADQLLSNGREAKTIDQLLADESLKKQNEYXXECIHLNRDI 600	SDWLMTGHVDEFMCFIPTDDKNEGKKGFLLLLASF	501	he PAD
SDWLMTGHMDQFMCFVPTNDKNNDQKDFRLLLASPSACFELFEQKQKEGYGNVTLFEDIGAEQLLSNGRESKTISQILADKSFREQNTYVEKCISLNRTL 545	SDWLMTGHMDQFMCFVPTNDKNNDQKDFRLLLASF	446	me PAD
GYMIQDTEDHKVASMDSIGNLMVSPPVKVQGKEYPLGRVLIGSSFYPSAEGRAMSKTLRDFLYAQQVQAPVELY 500	TSLILDTPQAADLDEFPMKYSLSPGIGYMIQDTEI	401	hePAD
GYLIRQIEDHRVASLDSIGNLMVSPPVKAQGKDYPLGRVLIGGSFYPSSEGRDMNKGLREFVYAQQVQAPVELF 445	VSLILDTPRVSKLEDFPMKYTLTPGSGYLIRQIEI		mePAD
ISYSVSLVEESQDPSIPETVLYKDTVVFRVAPCVFIPCTQVPLEVYLCRELQLQGFVDTVTKLSEKSNSQVASVYEDPNRLGRWLQDEMAFCYTQAPHKT 400	ISYSVSLVEESQDPSIPETVLYKDTVVFRVAPCV]	301	ћеРАD
ISLSLSLVEKAHDECIPEIPLYKDTVMFRVAPYIFMPSTQMPLEVYLCRELQLQGFVDSVTKLSEKSKVQVVKVYEDPNRQSKWLQDEMAFCYTQAPHKT 345	ISLSLSLVEKAHDECIPEIPLYKDTVMFRVAPYII	246	meРАD
EDKKTKKVIFSEEITNLSQMTLAVQGPSCILKKYRLVLHTSKEESKKARVYWPQKDNSSTFELVLGPDQHAYTLALLGNHLKETFYVEAIAFPSABFSGL 300	EDKKTKKVIFSEEITNLSQMTLNVQGPSCILKKY)	201	hеРАD
MNSPFRRXXPREIQNNLSQMNVTVEGPTSILQNYQLILHTSEEEAKKTRVYWSQRGSXXAYELVVGPNKPVYLLPTFENRKKEAFYVEATEFPSPSFSGL 245	MNSPFRRXXPREIQNNLSQMNVTVEGPTSILQNY(146	mеРАD
VTYYGPNEDAPVGTAVLYLTGIEPFGAQRSSSQSFVPLLPVSEVSQAQEAEVSLEVDIYRNGQVEMSSDKQAKKKWIWGPSGWGAILLVNCNPADVGQQL 200	VTYYGPNEDAPVGTAVLYLTGIEPFGAQRSSSQS	101	ће РАД
VSYFCPDQEVPTATAVLFLTGIEISLEADIYRDGQLDMPSDKQAKKKWMWGMNGWGAILLVNCSPNAVGQXL 145	VSYFCPDQEVPTATAVLFLTGI	74	те РАД
MVSVEGRAMSFQSIIHLSLDSPVHAVCVLGTEICLDLSGCAPQKCQCFTIHGSGRVLIDVANTVISEKEDATIWWPLSDPTYATVKMTSPSFSVDADKVS 100 	MVSVEGRAMSFQSIIHLSLDSPVHAVCVLGTEIC		mePAD 1

2/2